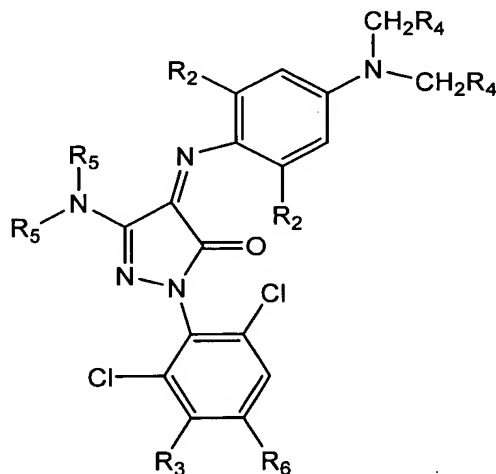
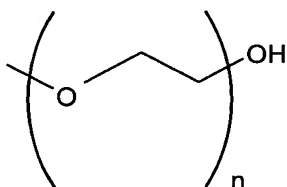


u4

1. (Currently amended) A magenta ink for ink-jet printing, comprising a water-soluble dye having a structure as follows:



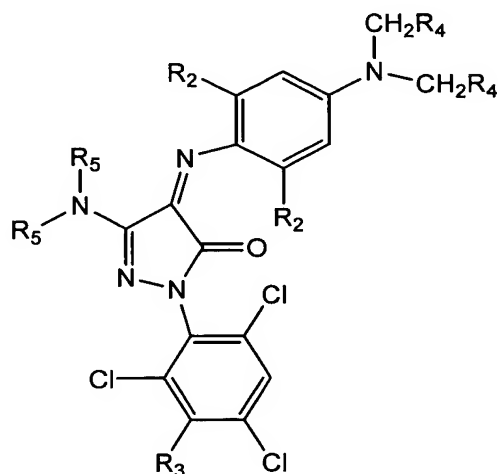
R3 is selected from the group consisting of H, SO₃H, COOH, and a polyether group



R4 is selected from the group consisting of H, SO₃H, COOH, CH₂SO₃H, CH₂COOH, C₂H₄SO₃H and C₂H₄COOH;

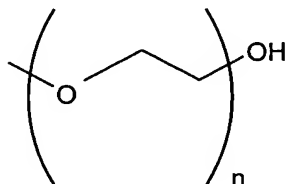
R6 is selected from the group consisting of H, halogen, methyl, amino, substituted amino, R4 and R3.

At
Cont



R2 is selected from the group consisting of methyl, ethyl, propyl, isopropyl and halogen;

R3 is selected from the group consisting of H, SO₃H, COOH, and a polyether group

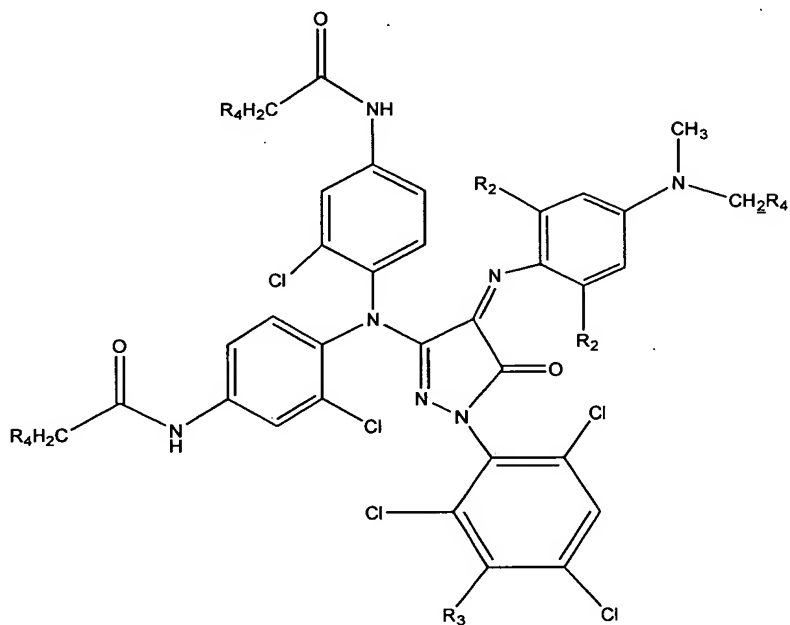


where n is from 2 to 100;

R4 is selected from the group consisting of H, SO₃H, COOH, CH₂SO₃H, CH₂COOH, C₂H₄SO₃H and C₂H₄COOH; and

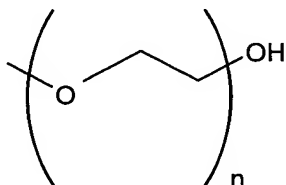
R5 is selected from the group consisting of ethyl, propyl, isopropyl, phenyl, substituted phenyl, and R4.

3. (Currently amended) A magenta ink according to claim 1, wherein the water-soluble dye has a structure as follows:



wherein R₂ is selected from the group consisting of methyl, ethyl, propyl, isopropyl and halogen;

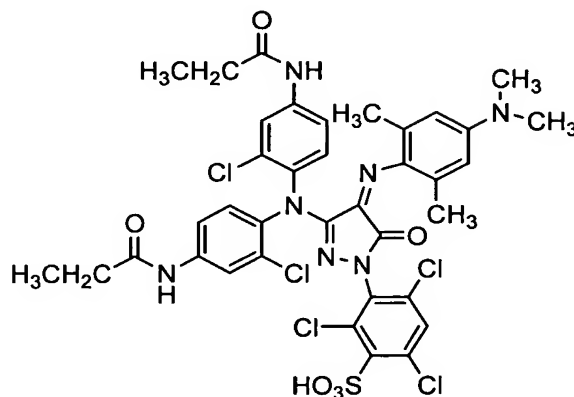
R₃ is selected from the group consisting of H, SO₃H, COOH, and a polyether group



where n is from 2 to 100; and

R₄ is selected from the group consisting of H, SO₃H, COOH, CH₂SO₃H, CH₂COOH, C₂H₄SO₃H and C₂H₄COOH.

4. (Currently amended) A magenta ink according to claim 1, wherein the water-soluble dye has a structure as follows:



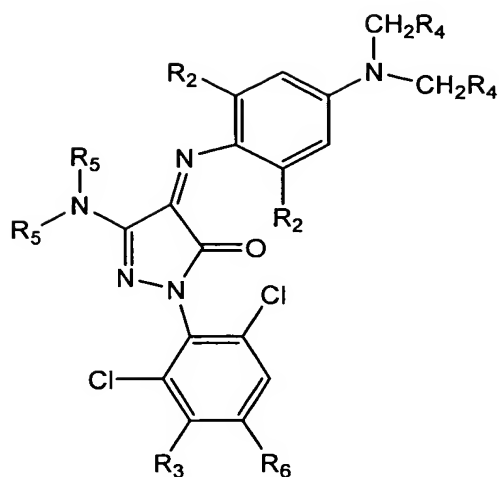
5. (Currently amended) The magenta ink of claim 4 40 wherein said magenta ink comprises from about 0.5 to about 6 wt% dye.

6. (Original) The magenta ink of claim 5 wherein said magenta ink comprises from about 0.5 to about 4 wt% dye.

7. (Original) The ink of claim 1 further comprising:
about 5 to about 30 wt % of at least one organic solvent;
0 to about 2.0 wt % of at least one component independently selected from the
group consisting of surfactants, buffers, biocides, and metal chelators.

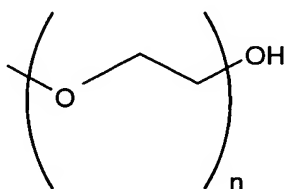
8. (Original) The ink of claim 1, having a visible light absorbance of 0.01 to 0.57 at λ_{max} and at a 1:10,000 dilution in water.

25. (Currently amended) A method for ink-jet printing, comprising:
providing at least one magenta ink containing at least one water-soluble magenta dye having a
visible light absorbance of 0.01 to 0.57 at λ_{max} at a 1:10,000 dilution in water
and having a structure as follows:



wherein R2 is selected from the group consisting of methyl, ethyl, propyl, isopropyl and halogen;

R3 is selected from the group consisting of H, SO₃H, COOH, and a polyether group



where n is from 2 to 100;

R4 is selected from the group consisting of H, SO₃H, COOH, CH₂SO₃H, CH₂COOH, C₂H₄SO₃H and C₂H₄COOH;

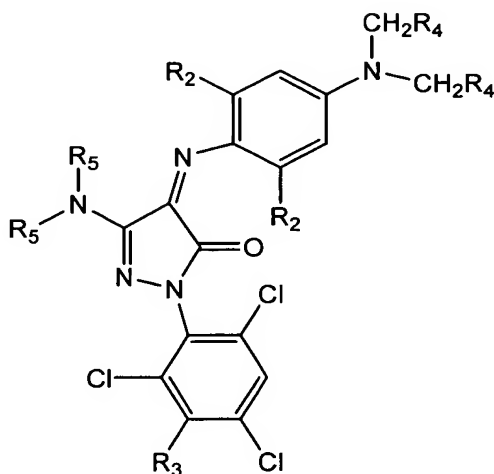
R5 is selected from the group consisting of ethyl, propyl, isopropyl, phenyl, substituted phenyl, and R4; and

R6 is selected from the group consisting of H, halogen, methyl, amino, substituted amino, R4 and R3;

and

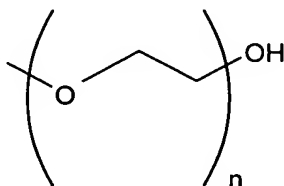
printing said ink on a printing medium by means of an ink-jet pen.

26. (Currently amended) The method according to claim 25, wherein the structure of the water-soluble magenta dye is as follows:



wherein R2 is selected from the group consisting of methyl, ethyl, propyl, isopropyl and halogen;

R3 is selected from the group consisting of H, SO₃H, COOH, and a polyether group

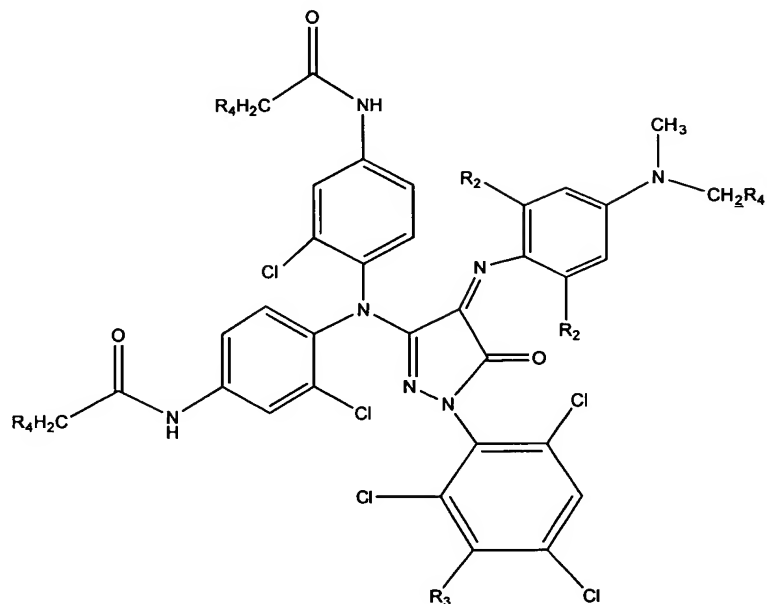


where n is from 2 to 100;

R4 is selected from the group consisting of H, SO₃H, COOH, CH₂SO₃H, CH₂COOH, C₂H₄SO₃H and C₂H₄COOH; and

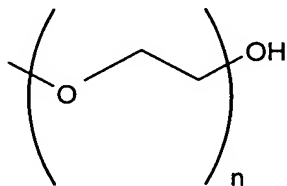
R5 is selected from the group consisting of ethyl, propyl, isopropyl, phenyl, substituted phenyl, and R4.

27. (Currently amended) The method according to claim 25, wherein the structure of the water-soluble magenta dye is as follows:



wherein R2 is selected from the group consisting of methyl, ethyl, propyl, isopropyl and halogen;

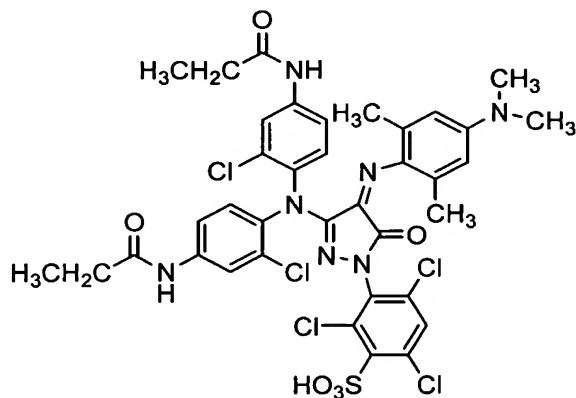
R3 is selected from the group consisting of H, SO₃H, COOH, and a polyether group



where n is from 2 to 100; and

R4 is selected from the group consisting of H, SO₃H, COOH, CH₂SO₃H, CH₂COOH, C₂H₄SO₃H and C₂H₄COOH.

28. (Currently amended) The method according to claim 25, wherein the structure of the water-soluble magenta dye is as follows:



40. (new) The magenta ink of claim 1 wherein said magenta ink comprises from about 0.1 to about 6 wt% dye.